SEQUENCE LISTING

<110> Clevenger, Charles V
       Kline, J. Bradford

<120> Composition and Method for Modulating Somatolactogenic Function

<130> PENN-0795

<150> 60/258,285
<151> 2000-12-22

<160> 4

<170> PatentIn version 3.1

<210> 1
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 1
cgaattccag ttacctcctg ga   22

<210> 2
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 2
gctcgagtca tgtatcattc tggt   24

<210> 3
<211> 210
<212> PRT
<213> Homo sapien

<400> 3

Met Lys Glu Asn Val Ala Ser Ala Thr Val Phe Thr Leu Leu Leu Phe
1   5   10   15

Leu Asn Thr Cys Leu Leu Asn Gly Gln Leu Pro Pro Gly Lys Pro Glu
                20   25   30

Ile Phe Lys Cys Arg Ser Pro Asn Lys Glu Thr Phe Thr Cys Trp Trp
            35   40   45

```
Arg Pro Gly Thr Asp Gly Gly Leu Pro Thr Asn Tyr Ser Leu Thr Tyr
    50              55              60

His Arg Glu Gly Glu Thr Leu Met His Glu Cys Pro Asp Tyr Ile Thr
65              70              75              80

Gly Gly Pro Asn Ser Cys His Phe Gly Lys Gln Tyr Thr Ser Met Trp
            85              90              95

Arg Thr Tyr Ile Met Met Val Asn Ala Thr Gln Met Gly Ser Ser Phe
            100             105             110

Ser Asp Glu Leu Tyr Val Asp Val Thr Tyr Ile Val Gln Pro Asp Pro
        115             120             125

Pro Leu Glu Leu Ala Val Glu Val Lys Gln Pro Glu Asp Arg Lys Pro
    130             135             140

Tyr Leu Trp Ile Lys Trp Ser Pro Pro Thr Leu Ile Asp Leu Lys Thr
145             150             155             160

Gly Trp Phe Thr Leu Leu Tyr Glu Ile Arg Leu Lys Pro Glu Lys Ala
            165             170             175

Ala Glu Trp Glu Ile His Phe Ala Gly Gln Gln Thr Glu Phe Lys Ile
        180             185             190

Leu Ser Leu His Pro Gly Gln Lys Tyr Leu Val Gln Val Arg Cys Lys
        195             200             205

Pro Asp
    210


<210>  4
<211>  633
<212>  DNA
<213>  Homo sapien

<400>  4
atgaaggaaa atgtggcatc tgcaaccgtt ttcactctgc tactttttct caacacctgc      60

cttctgaatg gacagttacc tcctggaaaa cctgagatct ttaaatgtcg ttctcccaat     120

aaggaaacat tcactgctg gtggaggcct gggacagatg gaggacttcc taccaattat     180

tcactgactt accacaggga aggagagaca ctcatgcatg aatgtccaga ctacataacc     240

ggtggcccca actcctgcca ctttggcaag cagtacacct ccatgtggag gacatacatc     300
```

```
atgatggtca atgccactaa ccagatggga agcagtttct cggatgaact ttatgtggac      360

gtgacttaca tagttcagcc agaccctcct ttggagctgg ctgtggaagt aaaacagcca      420

gaagacagaa aaccctacct gtggattaaa tggtctccac ctaccctgat tgacttaaaa      480

actggttggt tcacgctcct gtatgaaatt cgattaaaac ccgagaaagc agctgagtgg      540

gagatccatt ttgctgggca gcaaacagag tttaagattc tcagcctaca tccaggacag      600

aaataccttg tccaggttcg ctgcaaacca gac                                   633
```